

Title (en)
DE NOVO SYNTHESIZED GENE LIBRARIES

Title (de)
DE-NOVO-SYNTHESEIERTE GENBANKEN

Title (fr)
BANQUES DE GÈNES SYNTHÉTISÉS DE NOVO

Publication
EP 3030682 A4 20170531 (EN)

Application
EP 14834665 A 20140805

Priority

- US 201361862445 P 20130805
- US 201361862457 P 20130805
- US 2014049834 W 20140805

Abstract (en)

[origin: US2015038373A1] De novo synthesized large libraries of nucleic acids are provided herein with low error rates. Further, devices for the manufacturing of high-quality building blocks, such as oligonucleotides, are described herein. Longer nucleic acids can be synthesized in parallel using microfluidic assemblies. Further, methods herein allow for the fast construction of large libraries of long, high-quality genes. Devices for the manufacturing of large libraries of long and high-quality nucleic acids are further described herein.

IPC 8 full level
C12Q 1/68 (2006.01); **C12N 15/11** (2010.01)

CPC (source: EA EP GB KR US)

B01J 19/0046 (2013.01 - EA EP GB KR US); **C12N 15/1093** (2013.01 - EA EP GB KR US); **C12N 15/1096** (2013.01 - EA US); **C12N 15/635** (2013.01 - EP); **C12N 15/66** (2013.01 - EA EP GB KR US); **C12N 15/74** (2013.01 - EA US); **C12Q 1/6806** (2013.01 - EA EP GB KR); **C40B 40/08** (2013.01 - EA GB); **C40B 50/14** (2013.01 - GB KR); **C40B 50/18** (2013.01 - EA EP US); **B01J 2219/00313** (2013.01 - EA EP US); **B01J 2219/00317** (2013.01 - EA EP GB KR US); **B01J 2219/00378** (2013.01 - EA EP GB KR US); **B01J 2219/00497** (2013.01 - EA EP US); **B01J 2219/00585** (2013.01 - EA EP US); **B01J 2219/00587** (2013.01 - EA EP GB US); **B01J 2219/0059** (2013.01 - EA EP GB KR US); **B01J 2219/00596** (2013.01 - EA EP GB KR US); **B01J 2219/00605** (2013.01 - EA EP US); **B01J 2219/00612** (2013.01 - EA EP US); **B01J 2219/00619** (2013.01 - EA EP GB US); **B01J 2219/00623** (2013.01 - EA EP KR US); **B01J 2219/00637** (2013.01 - EA EP GB KR US); **B01J 2219/00709** (2013.01 - EA EP US); **B01J 2219/00722** (2013.01 - EA EP GB KR US); **C12N 15/09** (2013.01 - EA US); **C40B 40/06** (2013.01 - EA US); **C40B 50/00** (2013.01 - EA EP US); **C40B 50/14** (2013.01 - EA EP US)

C-Set (source: EP)

C12Q 1/6806 + C12Q 2525/117 + C12Q 2525/186 + C12Q 2565/513

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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